



NOTES:

1. Extend the 2-inch square operating nut to a minimum of 18-inches and a maximum of 36-inches below finished grade when the valve nut is 54-inches or deeper.
2. The rock guard shall be a 1/8-inch steel plate welded to the pipe shaft with a diameter that is 3/8-inch less than the inside diameter of the valve box.
3. Where depth is over 6 feet, a second plate shall be installed equidistant between the first rock guard and the valve nut. Second plate shall be constructed same as rock guard.
4. Extend valve box by using one piece with no longitudinal cuts, to the length required, of 6-inch O.D., 12 gauge steel pipe or AWWA C900 PVC pipe.



City Of Beaverton

ENGINEERING  
DEPARTMENT

UTILITIES ENGINEER  
David A. Winship, P.E.

DATE  
6 - 10 - 04

WATER VALVE  
OPERATOR EXTENSION

DRAWN BY  
JR - CPD

DRAWING NO.  
620